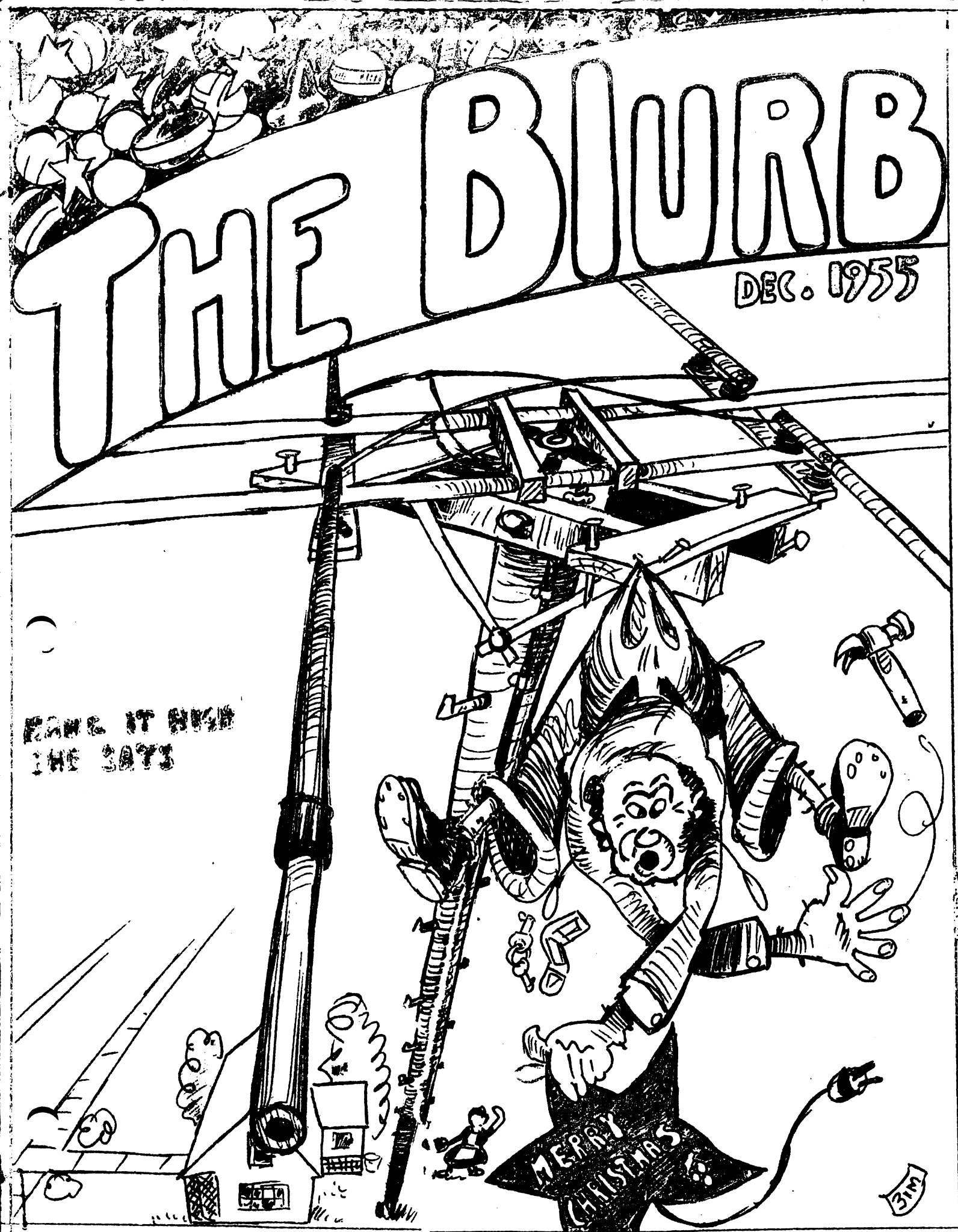


THE BLURB

DEC. 1955

RAISE IT HIGH
THE DAYS



Published monthly
by the

Phil-Mont Mobile Radio Club
Philadelphia and Suburbs

VOL 4 DECEMBER 1955 NO 12

EDITOR

George W. K. King W3PXY

200 Midland Road, Springfield, Penna.

ASSOCIATE EDITOR

Robert M. Ferry W3IF

216 Padlock Road, Havertown, Penna.

STAFF

W3HYU-Technical Editor W3VVG-NE section

W2TKI-Moorestown, N.J. W3FFF-Filmington

Swap Sheet

W3EXY-Aronomink Arms, Bldg. P, Draxel Hill,

Penna. SUNset-7-6732

CIRCULATION & PRINTING DEPT.

Stamplicker in Chief

W3SGR

W3IF - Printer Mrs. W3IW - Typist

W3DYG - Collator W3KNC - Gluepot

W3YJM - Boss Stitcher

ART DEPARTMENT

W3IM W4JCS Jim Barber

The BLURB is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep the news accurate, interesting, and in a small way educational. Any deviation from this is purely unintentional.

DEADLINE

All material for the BLURB must be in the hands of W3PXY by the 15th of the month. Any item for the Trading Post must be received by W3EXY not later than the 15th of the month.

CLUB OFFICERS

PRESIDENT Charles M. Snyder W3NIP

VICE-PRESIDENT George C. Hengen W3CNO

SECRETARY Clinton R. Spencer Jr. W3QCH

TREASURER Ernest Juliani W3DYG

MEETINGS

First Monday of the month, Cassidy School
Lansdowne Ave. at Atwood Street at 8:00PM

NET FREQUENCIES

Channel #1-27493kc Channel #3-27000kc

Channel #2-27626kc Channel #4- 50.7mc

27493 is monitored from - 0630 to 0001
daily for the benefit of the mobiles in
the Philadelphia area.

NETS

SWN 0730-0830 weekdays "10 on 10", 10 AM
Sunday. Blarney sessions anytime. All on

Channel # 1

"Through the Rear-View Mirror"

At this season of the year, with the Holidays nearly upon us, and a New Year before us, it's customary to take a look backwards to see what has been accomplished during the last year. While I took this "rear view mirror" look at our recent banquet, I think it would be well to review a good record. Phil-Mont started 1955 with 83 members; now it's an even 100 - our constitutional limit, and we've had a turn-over of 10 members. Our finances have jumped from \$491.00 in January to \$617.00 in November, and we've spent money, too. We now own an electric Ditto machine, a P.A. equipped rostrum, a 24 minute sound movie featuring our activities, and we've re-equipped the Communications trailer and overhauled the generator, and who will forget the banquet?

Our activities have been many and varied. In addition to the regular monthly meetings with programs supplied by W3CNO, and our midmonth meetings, all of which were well attended, we've had many other events. Take the "Diane" floods for instance; 73 hams manned 57 stations with an average of 9 hours per ham on the "service" line.

This was a service for which we had trained, and Phil-Mont was ready - "Every Single Minute". Hurricane "Ione" threatened and 39 stations stood by, but the big blow changed course.

The "10 on 10 net", with W3DYG as net control, was held every Sunday except the one when nearly all the members were on flood duty. We marshalled both the Yardley and the Lansdale parades, and supplied communications for 2 golf matches and the Fairmount Park Marathon Races. Field Day, with W3QZO spark-plugging the event found us busy again; -- and we held four transmitter hunts, too. There was a good turn out at the picnic at French Creek -- even the rains came!

The RACES program found acceptance and 26 of our mobiles were signed up at state level -- and more to come. W3QCH became Radio Officer to coordinate the mobiles.

Our members turned out in force at the Trenton Old-timers Nite to walk off with the participation prize. And who will forget W3FNC as the auctioneer on auction night? The trailer got new insides -- with W3QZO and W3QCH giving a lot of their time. The "BLURB" has gotten bigger and better - hats off to W3PXY, W3IF, W3KNC, W3YJM and company -- and who will forget W3IM's cartoons!

License plates became a reality thanks to our legal beagle W3ADF. Publicity fared well, too, with excellent commentary on "CAU", "PEN", radio interviews, TV newsreels, newspapers, as well as a feature article in "CQ" by W3SAI.

The Phil-Mont Sound Movie "Every Single Minute" is a crowning achievement -- hats off to W3VXN and company. It will continue to spread Phil-mont's fame in the coming years. The most significant fact about all these accomplishments is the club spirit that brought them about. A great number of credits are due and it's impossible to list them all. I personally have enjoyed being at the helm during this year and wish to extend my thanks to all of you and my best wishes to the succeeding officers for the New Year. Let's all get together and make the 1956 record even more outstanding.

W3NIP

THE LATEST SCOOP

W3PQV and W3KNC made off with the Almo and RESCO awards this last month. A fine grouper did the honors for PMRC at Lansdale and saw to it that Santy arrived in town in good shape. One lowly character parked his late model Ford in the middle of the parade and threw away the keys. The parade had to divide and pass around the heap. After the parade the local beat boys put a ticket on it for parking in the middle of the street. The facts are some what colored by this description contact W3CNO. It was also rumored the car stalled. A nice turnout at the parade - W3CNO, W3IVD, W3GIF, W3HYD, W3VXN, W3QZO, W3YJM, W3IRS, W3BSG. Spence hauled the trailer out and picked it up at 3:30AM.----For those of you who were unable to make the annual banquet let us assure you you missed the event of the year. Smoothy Gaul, "Jay" to you, was in rare form and MCEED the evening fine shape. We didn't hear one story about his kids tho. Mary Jane must have given him a boot in the shins. All the gals were dressed fit to kill and made off with at least one favor and beaucoupee prizes. Top prize was won by W3OWK's boss. As usual the club characters received the annual quota of knockers. There was a fine assortment of old and used, big and small bottles received by one noisier individual. We won't mention any names and won't except any company. He is reported going into competition with W2ZAI in anti-ques. Upon my honor it seems all the local BC stations have to go off the air once a year just to supply large overgrown transmitting tubes to PMRC characters at the annual banquet. One of our brushcut friends received a beautiful 1925 double conversion mechanical filter TRF receiver to holster up his sagging crystal set. The prize committee headed by Elaine sure did a fine job. The boys prize committee did right fine too. Top OM's prize was a Heathkit multitester. The club deemed it an honor to give W3QV a very fine letter of commendation for his efforts in assisting the club throughout the year by keeping the frequency hot and the many other little bits of fortune which are too numerous to mention here. Many thanks Brad.

SPECIAL ANNOUNCEMENT

In recognition for his tireless efforts in producing the PMRC documentary film, "Every Single Minute" the club presented W3VXN - William Bornmann with the "PMRC Meritorious Award" for the year of 1955. As you know this honor in the form of a plaque is presented to the member who contributed the most effort toward building strength into our club. Bill your name is recorded permanently as one of the select few to enjoy this honor. "One Hundred Thanks to You". You have indeed earned it.

Every Single Minute was shown as the highlight of the evening. It is one of those gems of accomplishment that makes you feel that the amateur fraternity is really worth the effort. It is intended that this film be available for the asking. nominal fee to cover eventual replacement is charged. (See the announcement sheet) 113 members and guests attended the banquet - about double the number last year. The music committee kept flowing strains flowing all evening and a good many members just flowed. Needless to say a fine time was had by all.

SPECIAL ANNOUNCEMENT

ELECTIONS

THE FOLLOWING MEMBERS ARE CANDIDATES FOR OFFICE FOR 1956.

73DOU

F3420

下莊

7.35:1

११४१

F3IVL

W36QH

UNCLAS
J3T02

WHE - 3
F38.14

3 DSG

W 30 F 0

Treasurer: Paul Allen C. #3T0Z
Gilbert Charles S. #3YJM
Julian Ernest #3DSC
Lochman, Robert M. #30EC

We have a very strong running slate for officers this year fellows -- see to it that everyone of you votes either by being present or sending in a signed proxy with someone you know is attending. Get your vote to the election committee. The proxy may be on a plain piece of paper but to get it in. There are no excuses for not turning out the vote. -- We are indebted to Mr. Travers #3JPP, for the fine talk he gave at the last meeting on carrier current transmission on power lines. -- Did you notice #3UCH sporting the sore eye. Some people will never learn about the heavy drafts through keyhole. -- #3IRS was really stopping them at the last meeting to get the roster up to date. You couldn't get in the meeting without the pertinent facts. Can't figure out what number of teeth and hair had to do with the roster -- maybe he was just drumming up business for #3SGR. A good job almost done Frenchy. -- #3YJM is the proud sport of a Quadron 20 and is working Gs and DLs with 65 watts. -- The club photogs #30WK and #30VL did the works at the banquet. See them for pics. #3SGR is putting a new rig in his fire engine sporty station wagon. Carl got the wagon to bring home the fish in -- or was it the stories? -- This blurb is toying with the thought of getting a copyright to prevent misuse of material. It is intended to give out any and all info upon proper request. As you know several of the bits both printed and cartoon have become of commercial interest. -- The membership committee under Frank T., #3LNC, is getting out a fancy new membership form with enuf scop to cover the waterfront. -- 50 members made the last meeting. We seem to run about half. -- Our public relations staff were mentioned as nonexistent in the last blurb. In looking up the facts we find we have a good staff in action - #30VL, #3YFV and last but not least #3KHF in Smoggy Calif. Note this bit

"Hi Gang:

We of the Norwalk Club really enjoy your club paper 'The Blurb'.

Charlie 3KHF, spread the gud wrd when he was out hr last Aori

Since ten has opened we hope to wrk^a you^s fellows back there. Y

paper is read by all of us and quite a chuckle is gotten out o

the cartoons and jokes. Your articles are very "good" and to the

point. Any of your gang get out Mr George don't fail to look

pp. "Tanks" again for the paper. 8-11-73

G Floyd W6JSP

W3LNC and W3HQJ are getting a new VTVM - line forms, to the left gang. --- W3VVS has worked another state on 160. The RF from the 1878kc sig has killed all the crab-grass and stimulated Kentucky Blue. --- ED's note - ED feels it only fair to warn you that this story is a tallll talll. Bell Tel has installed filters on the phones. - 'This is not' hi. --- W3CZO is on with his new coax and tower - W3DSG, W3IE, W3YJM, W3CZP, W3SGR helped put it up - Tnx says Sam.

by John Muroff W3SAI

am riding along minding my own business, with the receiver on Channel One, when the squelch opens and I am no longer alone. This time it is some other than my old friend, Spanish Russ, whom I do not hear on Philmont these last 30 days - and the reason for this is that three months ago he supposedly gets himself a citation from Frank Charley Charley advising him to cease and desist. Rumor has it that the gent with the three first names gives Spanish Russ the heave because of certain alleged modes of operation which the R.I. considers to be not in accordance with Hovle. As I am by preference not a Private Eye type, but rather a Private Ear type, I listen politely to all the rumors about Spanish Russ but do not give comment, as I do not wish to end up in a cemetery in the Philadelphia-Montgomery area and have poetry on my tombstone, although I must say at this time that if Spanish Russ is really guilty of all the different violations that the various rumors claim he is, then Uncle Whiskers must indeed ease him into the Federal cooler for two years at least, making sure that he first pays the admission fee of \$10,000.00. With this thought in mind I am careful to exchange only signal reports with Spanish Russ as I figure that he will soon enough give me the details of his absence from the airways. But this, I am thinking to myself, may be impossible after all, as the QRM is building up very high due to the lid-flipping that all and sundry are doing when they hear that Spanish Russ is back on ten meters. Characteristic of the boys, however, they quickly edge off and the noise level drops down to a soft hiss, and I am sure that nobody is going to break in for a quick run-down that I am thinking about offering long odds against this possibility. But the squelch opens again - You will remember (begins Spanish Russ) that I once told you that in my young and carefree days I earn a fast buck as skipper for a certain wealthy party who has a very large speedboat and an equally hefty yen for spiritous liquors, which are at the time of telling considered to be very illegal indeed, in spite of the fact that many characters are walking around with their tongues hanging out. As a matter of fact there are some citizens who tell you that if this enforced drought continues much longer, the population of the United States will consist largely of children, as the adults will be in Canada where the fluid refreshment is in adequate supply. In order to prevent this mass exodus my boss has me make frequent trips to Canada to relieve them of their surplus so that they can balance their economy.

QRX-one while I identify this station.

One dark night (continues Spanish Russ) as I am bringing in a mixed cargo of the finest Canadian and Scotch happy-dew, there is a sudden illumination due to powerful searchlights and a few hot shots whistle across the bow, and before we can jettison the load we are being boarded by the Coast Guard and apprehended in the name of the United States of America. The load is legally hijacked as evidence, although I later hear that not all of it appears in court. Howsomever, in spite of all the pleas on my behalf I am held as an accessory before, during and after the fact even though I swear that I am an innocent victim of circumstance in that I am swimming around minding my own business when an extra powerful wave washes me aboard this particular boat which happens to be passing by at this time. My mouthpiece is Bill the Birdie and while it at first looks like he has the jury convinced of my innocence, the U.S. Attorney is a better actor and I am removed from circulation for no less than three years. On my discharge I learn that the U.S. Attorney is now a Federal Judge as a result of my conviction, so I figure that it is all for the good. As a matter of fact I am seriously considering sending him a telegram congratulating him, when I remember that I do not have even a farthing in my jeans with which to buy a cup of java, so I have to abandon this idea at once. As I am walking down the wrong side of the pike I am sideswiped by a long black car and knocked unconscious for a period of two hours. During this time certain interested parties are being alerted and when I finally regain my senses I am in the house belonging to my old boss, and he seems to be enjoying life even better than before; and the way that he accomplished this is to set up a chemical distilling company so that he gives to certain of his less fortunate brethern, although rumors and about has it that the company is operating without license and the product itself purports to be a rather volatile liquid commonly termed moonshine.

In a few days when my bruises lose their black and blue coloration I am working for my old boss as the engineer in charge of production at the chemical factory, and due to my efforts we quickly double the output so that there is already talk of expansion and a possible executive partnership. It is during one of our business conferences that the door flings open and a whole platoon of feds comes charging in and in the general confusion my boss disappears leaving me to explain

out for a license manual and I started a class going, and the only reason I am away for 70 days is that my old "friend", who is chairman of the group, flunks the novice exam three times before he finally makes it.

And I am glad that W3SAI is not listening on the frequency while I tell you all this, because as sure as you're alive he will set it down on paper and tip off the BLURB. 73 and CRT.

--- o ---

Note the following rules for future rig hunts:

"Transmitter Hunts will be held the second Sunday in every other month starting January 15th.

Mobiles should check in before 1 P.M. on that day, official starting time being 1:10 P.M., official ending time 3:30 P.M.

A prize will be given to the winner of each Hunt. The winner of the most Hunts in any one year will receive a trophy for temporary possession.

A three-times winner of this trophy retains the trophy as a permanent possession.

The winner of any one Hunt is that mobile scoring a minimum number of points. Points are determined by two factors - mileage and time segment. A segment of time is considered to be ten minutes.

The actual clocked mileage from starting point to transmitter location is, therefore, multiplied by the time segment (there being fourteen time segments from 1:10 P.M. to 3:30 P.M.).

Starting point, until further notice, will be Playhouse In The Park. More detailed rules and regulations will be on file with the Secretary of the Club."

W3DHJ reads ARRL Bulletins Sunday through Friday on 28,888kc at 2145 EST. Also 3850 at 1745. ---We had two prominent visitors at the last meeting - W3KDO and W3KCG. --- W3UWL wishes to announce that he relinquishes the presidency of the "FLA" (Free Loaders Association) to W3VSO, undisputed champion. On being informed of his new office, the champ said "Who's Buying?" "I object" quote W3SAI (member at large). One last bit -----

***** VOTE *****

VISITORS AT THE LAST MEETING

W3HFY, W3WQF, and W3QBK.

NEW MEMBERS

W3DHJ, W3PQV and W3UZF.

ANNOUNCEMENTS

December 5th - Phil-Mont Mobile Radio Club Meeting

Election of Officers for 1956

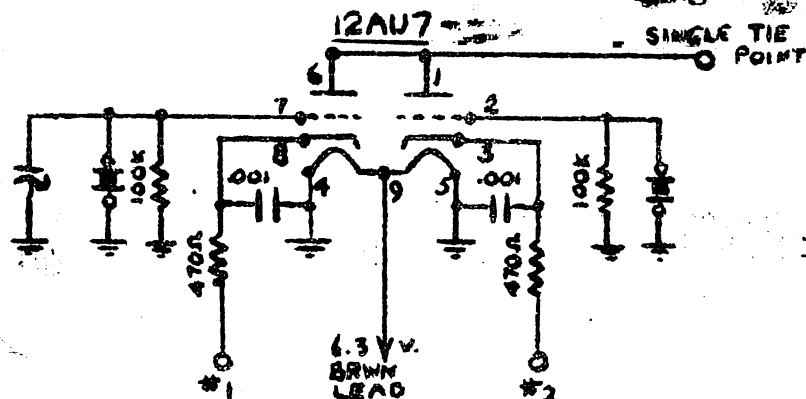
PHILMONT MOBILE RADIO CLUB
"WOBBLY-HOBBY PAGE"

DECEMBER ISSUE

"Guest Tech-Editor W3IRS"

7C:LV

Here is the original schematic diagram and notes for the Vfg. Surplus (G.E.) Crystal Oscillator units given out at the 1955 Annual Banquet, and as Door Prizes as some of the following month's winners.



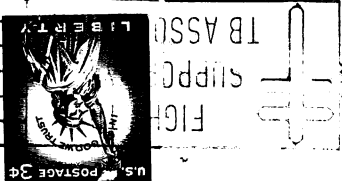
1. Feed plates B+ THROUGH suitable tank circuit tuned to xtl or harmonic freq.
2. Apply 6.3V. ac or dc to lead.
3. Ground either 1 or 2 depending which osc. is desired.

Note: do not apply over 300 v. dc to plate circuit. Each triode (when in use, e.i. cathode res. grounded) will draw approx. 3 ma. @ 100 v.; 8 ma. @ 200 v. and 14 ma. @ 300 v.

- I. A Beat Frequency calibrator circuit was tried using crystals in the 7 mc range differing by 100 and 200 kcs. In this circuit a slug-tuned plate coil was used and both terminals 1 and 2 grounded. This resulted 100 kc signals usable from 3.2 to 4.6; 6.4 to 7.6; 13.8 to 15; 15 mtrs checked only roughly; and 27.8 to 28.8 mcs, using 7.2 and 7.3 mc xtals and 100 plate volts. Using 7.1 and 7.3 mc xtals resulted in signals every 200 kcs over the same freq. ranges. With plate coil tuned somewhere between the crystal freqs. used, total plate current was only 7 ma. If this circuit is used, it is suggested crystal tripler cond. be used to "true" 100 kc points. If only one xtl or the other is desired, just ind. that cathode only, and then plate current will be about 3-4 ma.
- II. Another circuit tried was the usual type using a 100 kc xtl and a 7373.3 kc crystal. For this circuit the plates were divorced and a 100 kc tank made from a modified 47 choke was used in one plate circuit and a 7 mc. slug-tuned coil in the other plate circuit. Both were fed 100 volts at all times and a SPDT toggle switch having a neutral off position was installed to ground either 1 or 2 (see circuit) as desired: to disable calibrator, switch in neutral position. This worked quite well with no connection to revr. ant. when mounted in revr. cabinet. This circuit-allowed use of 100 kc points to 10 meters with only 75 plate volts. Signal at 29.493 mc. more than adequate.
- III. Using this unit somewhat as described in I above but choosing crystals whose difference was in the audio spectrum resulted in a nice little test audio org. Crystals used: this case were 7.150 and 7.156 mcs. resulting in a difference freq. of about 6000 cycles (6 kc).
- IV. Still another use is as the heart for a transmitter-mobile (what's that??) or fixed. Require crystal sockets using a SPDT toggle switch to select xtals (what else but 7373.3 and 7406 kcs) to one of the grids, and use a 14 mc. tank coil in plate circuit of that tube (triode). Require second triode of capacitance coupled feedback with 25 mc. tank coil. With only 200 plate volts per triode, and total drain of 32 ma., it was found that an 807 running 50 watts input could be driven to 5 grid ma. When driving a 2526, plate voltage to 120V was reduced to 150 volts.

These few uses and variations should spark our fertile F.I.L.- "H" minds to bigger and better things-good luck. you are limited only by your imagination.

"Frenchy"



FIRST CLASS MAIL

THE PHIL-MONT MOBILE RADIO CLUB
Circulation and Printing Dept.
216 PADDOCK ROAD - HAVERTOWN, PA.